(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 1 April 2004 (01.04.2004)

PCT

(10) International Publication Number WO 2004/026934 A1

(51) International Patent Classification⁷: C08G 18/16, 18/36

(21) International Application Number:

PCT/DK2003/000602

(22) International Filing Date:

18 September 2003 (18.09.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PA200201382 20 September 2002 (20.09.2002) D

(71) Applicant (for all designated States except US): CASCO A/S [DK/DK]; Præstemosevej 2-4, DK-3480 Fredensborg (DK).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): PEDERSEN, Susanne [DK/DK]; Maglegaardsvej 415, DK-3480 Fredensborg (DK). MURRAY, David [GB/GB]; 195 Rockingham Road, Kettering, Northamptonshire NN16 9JA (GB).
- (74) Agent: ZACCO DENMARK A/S; Hans Bekkevolds Alle 7, DK-2900 Hellerup (DK).
- (81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE

(utility model), EE, EG, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO utility model (GH), ARIPO patent (GH), ARIPO utility model (GM), ARIPO patent (GM), ARIPO utility model (KE), ARIPO patent (KE), ARIPO utility model (LS), ARIPO patent (LS), ARIPO utility model (MW), ARIPO patent (MW), ARIPO utility model (MZ), ARIPO patent (MZ), ARIPO utility model (SD), ARIPO patent (SD), ARIPO utility model (SL), ARIPO patent (SL), ARIPO utility model (SZ), ARIPO patent (SZ), ARIPO utility model (TZ), ARIPO patent (TZ), ARIPO utility model (UG), ARIPO patent (UG), ARIPO utility model (ZM), ARIPO patent (ZM), ARIPO utility model (ZW), ARIPO patent (ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS AND APPARATUS FOR THE PRODUCTION OF A POLYURETHANE BINDER

(57) Abstract: Process for the production of a polyurethane binder comprising the steps of mixing at the site of use a mixture of an alcohol component and an isocyanate component in a predetermined weight ratio with a catalyst in an amount determined by the desired open time of the binder. Apparatus for the preparation of a polyurethane binder comprising means for dosing an alcohol and an isocyanate component in a predetermined weight ratio to form a mixture means for dosing varying amounts of catalyst to said mixture and means for mixing the dosed components.

